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(71) Applicant (for all designated States except US): **DIGITAL INNOVATIONS, LLC** [US/US]; 3436 N. Kennicott, Suite 200, Arlington Heights, IL 60004 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ABFALL, Tony, J.** [US/US]; 1315 Mulberry Lane, Mount Prospect, IL 60056 (US). **HOLBROOK, Paul, R.** [US/US]; 2218 Miramar

Lane, Buffalo Grove, IL 60089 (US). **KOHLER, Stephen, J.** [US/US]; 217 Hartrey Avenue, Evanston, IL 60202 (US). **NELSON II, Sigurd, A.** [US/US]; 1201 Michigan Avenue Apt. 2, Evanston, IL 60202 (US). **WASKIN, David, M.** [US/US]; 55 South Vail Ave. #514, Arlington Heights, IL 60005 (US).

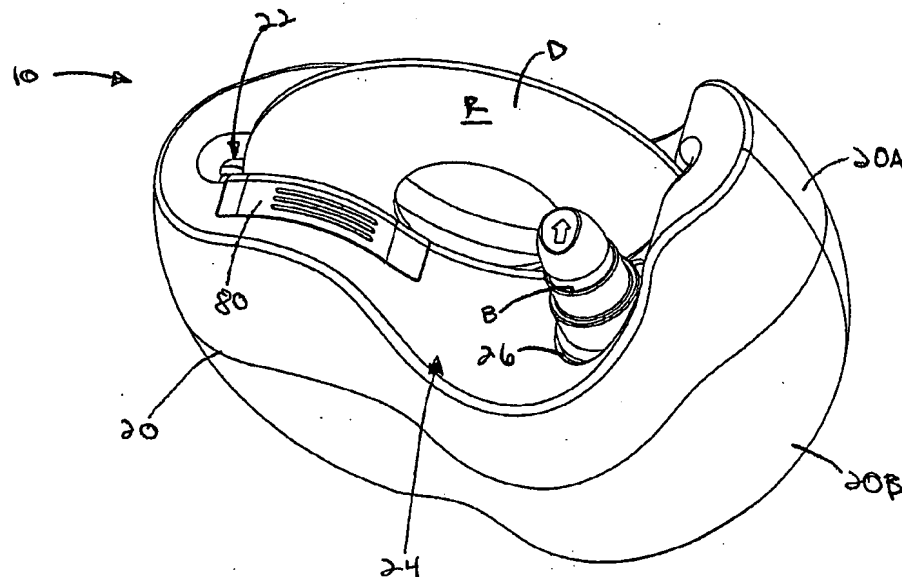
(74) Agent: **MCGINLEY, Paul, M.**; Michael Best & Friedrich LLP, 401 N. Michigan Avenue, Suite 1900, Chicago, IL 60611 (US).

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(54) Title: DISC CLEANER



(57) Abstract: A disc cleaner (10) for cleaning discs (D), which in some aspects can clean vertically oriented discs. The disc cleaner may include a housing (20) for supporting a disc, a drive assembly supported by the housing and engageable with the disc to rotate the disc, and means for applying cleaning agent (B) to a data recording surface of the disc (R) while the disc is supported by the housing. The disc cleaner may include housing that facilitates handling of the disc by its central hole, a drive assembly disposed within the housing, the drive assembly frictionally rotating the disc by its perimeter, and a switch (75) for actuating the drive assembly when the disc is at least partially inserted in the housing.

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# INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 15/102, 97.1, 103.5, 88.1, 77; 369/72; G11B 03/58;

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 3,005,223 A (TAYLOR et al) 24 October 1961 (24.10.1961), column 2, lines 22-62.	1-2, 4-7 ----- 8-14
X — Y	US 4,101,999 A (DOYEL) 25 July 1978 (25.07.1978), column 3 line 48 to column 4 line 41).	1-2, 4, 15-17, 19 ----- 3, 8-10, 20-22
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X — Y	US 4,604,672 A (DAVIS et al) 05 August 1986 (05.08.1986), column 5 lines 5-36, column 11 line 64 to column 12 line 11, column 14 lines 37-61.	1, 4-9, 12, 14, 15-16, 19-20 ----- 10-11, 13, 17-18
Y	US 2002/0129455 A1 (WEI) 19 September 2002 (19.09.2002), pages 1-2.	8, 12-14, 18



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Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Laura Cole

Telephone No. (571) 272-1700

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 57003206 A (AZUMA) 08 January 1982 (08.01.1982), figure 2.	12, 13
A	JP 54100701 A (OTSUKI) 08 August 1979 (08.08.1979), figures 1-3.	1-22